

**PATENT COOPERATION TREATY**

From the:  
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To:

Collison & Co  
GPO Box 2556  
ADELAIDE SA 5001

**PCT**

NOTIFICATION OF TRANSMITTAL OF  
INTERNATIONAL PRELIMINARY EXAMINATION  
REPORT

(PCT Rule 71.1)

Date of mailing day/month/year	1 OCT 2004
-----------------------------------	------------

Applicant's or agent's file reference  
53942PCT HKS

**IMPORTANT NOTIFICATION**

International Application No.  
**PCT/AU2003/001410**

International Filing Date  
24 October 2003

Priority Date  
24 October 2002

Applicant

FAHEY, Mark T.

1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international application.
2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translations to those Offices.

**4. REMINDER**

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices)(Article 39(1))(see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide

Name and mailing address of the IPEA/AU  
**AUSTRALIAN PATENT OFFICE  
PO BOX 200, WODEN ACT 2606, AUSTRALIA  
E-mail address: pct@ipaaustralia.gov.au  
Facsimile No. (02) 6285 3929**

Authorized officer

**SOOSA GNANASINGHAM  
Telephone No. (02) 6283 2172**

**PATENT COOPERATION TREATY**  
**PCT**  
**INTERNATIONAL PRELIMINARY EXAMINATION REPORT**

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 53942PCT HKS	<b>FOR FURTHER ACTION</b>	See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416).
International Application No. <b>PCT/AU2003/001410</b>	International Filing Date ( <i>day/month/year</i> ) <b>24 October 2003</b>	Priority Date ( <i>day/month/year</i> ) <b>24 October 2002</b>
International Patent Classification (IPC) or national classification and IPC <b>Int. Cl. 7 H02G 3/02, 1/14, H02B 1/20</b>		
<p><b>Applicant</b> FAHEY, Mark T.</p>		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.

2. This REPORT consists of a total of 4 sheets, including this cover sheet.

This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of sheet(s).

3. This report contains indications relating to the following items:

- I  Basis of the report
- II  Priority
- III  Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV  Lack of unity of invention
- V  Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI  Certain documents cited
- VII  Certain defects in the international application
- VIII  Certain observations on the international application

Date of submission of the demand <b>21 May 2004</b>	Date of completion of the report <b>28 September 2004</b>
Name and mailing address of the IPEA/AU  AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaaustralia.gov.au Facsimile No. (02) 6285 3929	Authorized Officer  <b>SOOSA GNANASINGHAM</b> Telephone No. (02) 6283 2172

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/AU2003/001410

**I. Basis of the report**

## 1. With regard to the elements of the international application:\*

- the international application as originally filed.
- the description, pages , as originally filed,  
pages , filed with the demand,  
pages , received on with the letter of
- the claims, pages , as originally filed,  
pages , as amended (together with any statement) under Article 19,  
pages , filed with the demand,  
pages , received on with the letter of
- the drawings, pages , as originally filed,  
pages , filed with the demand,  
pages , received on with the letter of
- the sequence listing part of the description:  
pages , as originally filed  
pages , filed with the demand  
pages , received on with the letter of

## 2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language which is:

- the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).
- the language of publication of the international application (under Rule 48.3(b)).
- the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).

## 3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- contained in the international application in written form.
- filed together with the international application in computer readable form.
- furnished subsequently to this Authority in written form.
- furnished subsequently to this Authority in computer readable form.
- The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

4.  The amendments have resulted in the cancellation of:

- the description, pages
- the claims, Nos.
- the drawings, sheets/fig.

5.  This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).\*\*

\* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).

\*\* Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/AU2003/001410

**V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement****1. Statement**

Novelty (N)	Claims 1- 20	YES
	Claims	NO
Inventive step (IS)	Claims 1- 20	YES
	Claims	NO
Industrial applicability (IA)	Claims 1- 20	YES
	Claims	NO

**2. Citations and explanations (Rule 70.7)****NOVELTY (N) & INVENTIVE STEP (IS) Claims 1- 20**

- D1 US 4815984 A  
 D2 US 5501605 A  
 D3 Derwent Abstract Accession no. 2002-431456/46, Class X12, JP 2002095145 A  
 (SHOWA ELECTRIC WIRE & CABLE CO) 29 March 2002

All of the above cited documents disclose a method of wiring circuits by providing a loom with separately insulated cables terminating in connectors such as sockets. However all these documents are directed to wiring in the automobile industry where the supply voltages are low. The present invention is directed to wiring in the building/housing industry where, particularly higher supply voltages are used. Therefore the claimed invention is new and is also inventive because it is not obvious in the light of any of the cited documents nor disclosed in any obvious combination.

Therefore claims 1-20 satisfy the PCT criteria 33(2)-(3) for novelty and inventive step.

All of claims 1-20 are industrially applicable.

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/AU2003/001410

**VIII. Certain observations on the international application**

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

1. Some of the claims use the phrase 'immediately preceding claim' which does not read well- see for example claim 2.
2. Claim 11 lacks clarity because there are no prior references to 'the sockets' (page 15 line 7) and 'the loom' – page 15 line 3.